

AMENDMENTS TO THE CLAIMS:

This listing of the claims will replace all prior versions, and listings, of the claims in this application:

Listing of Claims:

1. - 41. (Cancelled).

42. (Previously Presented) A method comprising:

routing a message, message set, or session setup request from a first network to a second network, the message, message set, or session set up request comprising a first type of address, the routing comprising

checking requirements of a message, set of messages, or session included in the message, message set, or session set up request, and

deciding, based on the result of the requirements checking, on the routing of the message, message set, or session setup request,

wherein the requirements include at least one of media requirements or QoS requirements of the message, set of messages, or requested session.

43. (Previously Presented) The method according to claim 42, wherein the message, message set, or session set up request is forwarded to a contact point, and the method further comprising

deriving a routing address of the message, message set, or session setup request, in the second network using a database; and

routing the message, message set, or session set up request from the contact point to a further network entity based on the derived address.

44. (Previously Presented) The method according to claim 43, wherein the deriving is done using a second database.

45. (Previously Presented) The method according to claim 42, comprising:

checking if the first type of address is transformable to a second type of address using a database in the first network;

if the first type of address is not transformable to the second type of address,

checking requirements of a message, set of messages, or session included in the message, message set, or session set up request.

46. (Cancelled).

47. (Cancelled).

48. (Previously Presented) The method according to claim 42, wherein a serving call state control function performs the requirement checking.

49. (Previously Presented) The method according to claim 42, wherein a breakout gateway control function performs the requirement checking.

50. (Previously Presented) The method according to claim 42, wherein said first or second network or another network involved in routing the message, message set, or session setup request, includes a call state control function and a breakout gateway control function, the call state control function and the breakout gateway control function being configured to utilize at least partly different domain name system databases to translate an identifier of an equipment indicated in the message, message set, or session setup request, into a routing information.

51. (Previously Presented) The method according to claim 42, wherein a control function, comprising a dividing gateway control function, performs the requirement

checking and takes care of routing incoming traffic from internet protocol multimedia networks.

52. (Previously Presented) The method according to claim 42, wherein the second network includes a breakout element, comprising a breakout gateway control function, and an interrogating element, preferably an interrogating call state control function, and an additional path is provided from the breakout element to the interrogating element for routing the message, message set, or session setup request.

53. (Previously Presented) The method according to claim 52, wherein, when an identifier of the second network included in the message, message set, or session setup request indicates a valid internet protocol multimedia subsystem identity, the message, message set, or session setup request is routed from the breakout element to the interrogating element, otherwise the message, message set, or session setup request is routed to a media gateway element, preferably a media gateway control function.

54. (Previously Presented) The method according to claim 53, wherein, when the message, message set, or session setup request is routed from the breakout element to the interrogating element, the breakout element is configured to drop itself out so that the routing is a normal internet protocol multimedia subsystem session.

55. (Previously Presented) The method according to claim 43, wherein the contact point is an interrogating call state control function, breakout gateway control function, or dividing gateway control function.

56. (Previously Presented) The method according to claim 42, wherein the database is an ENUM domain name system database and comprises internet protocol multimedia subsystem E.164 identities of the subscribers who have the first network as a home network.

57. (Previously Presented) The method according to claim 42, wherein the database

contains E.164 identities of trusted operators.

58. (Previously Presented) The method according to claim 45, wherein the first type of address is an E.164 identity and the second type of address is a routable internet protocol multimedia subsystem identity.

59. (Previously Presented) The method according to claim 58, wherein the routable internet protocol multimedia subsystem identity is a session initiation protocol uniform resource identifier or session initiation protocol secure uniform resource identifier.

60. (Previously Presented) A method according to claim 42, comprising:

initiating a message, message set or a session setup request in the first network;

routing the message, message set or session set up request from the first network to a media gateway element of the second network; and

routing the message, message set or session set up request from the media gateway element to a breakout element in the second network,

wherein the second network includes a breakout element, preferably a breakout gateway control function, and a media gateway element, preferably a media gateway control function.

61. (Previously Presented) A system comprising:

a router configured to route a message, message set, or session setup request from a first network to a second network, the message, message set, or session set up request comprising a first type of address,

wherein the system is configured to check requirements of a message, set of messages, or session from the message, message set, or session set up request, and decide, based on the result of the requirements check, on the routing of the message, message set,

or session setup request,

wherein the requirements include at least one of media requirements or QoS requirements of the message, set of messages, or requested session.

62. - 79. (Cancelled).

80. (Preciously Presented) An apparatus comprising:

a processor configured to

check requirements of a message, message set, or session setup request to be routed from a first network to a second network;

decide, based on the result of the check, on the routing of the message, message set, or session setup request;

derive the routing address of the message, message set, or session set up request in the second network using a database; and

route the message, message set, or session set up request to a further network entity based on the derived address.

81. (Previously Presented) The apparatus according to claim 80, wherein the apparatus comprises a control function, and wherein the control function comprises a serving call state control function.

82. (Previously Presented) The apparatus according to claim 80, wherein the control function comprises a breakout gateway control function.

83. (Previously Presented) An apparatus comprising:

means for checking requirements of a message, message set, or session set up request to be routed from a first network to a second network;

means for deciding, based on the result of the check, on the routing of the message, message set, or session set up request;

means for deriving the routing address of the message, message set, or session set up request in the second network using a database; and

means for routing the message, message set, or session set up request to a further network entity based on the derived address.

84. (Previously Presented) A method comprising:

receiving a message, message set, or session setup request to be routed from a first network to a second network;

checking requirements of the message, message set, or session setup request to be routed from the first network to the second network;

deciding, based on the result of the check, on the routing of the message, message set, or session setup request;

deriving a routing address of the message, message set, or session setup request in the second network using a database; and

routing the message, message set, or session setup request to a further network entity based on the derived address.

85. (Previously Presented) The method according to claim 84, wherein the checked requirements include media requirements of the message, message set, or requested session.

86. (Previously Presented) The method according to claim 84, wherein the checked requirements include QoS requirements of the message, message set, or requested session.

87. (Previously Presented) The method according to claim 84, wherein a serving call

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state control function performs the requirement checking.

88. (Previously Presented) The method according to claim 84, wherein a breakout gateway control function performs the requirement checking.

89. (Cancelled).